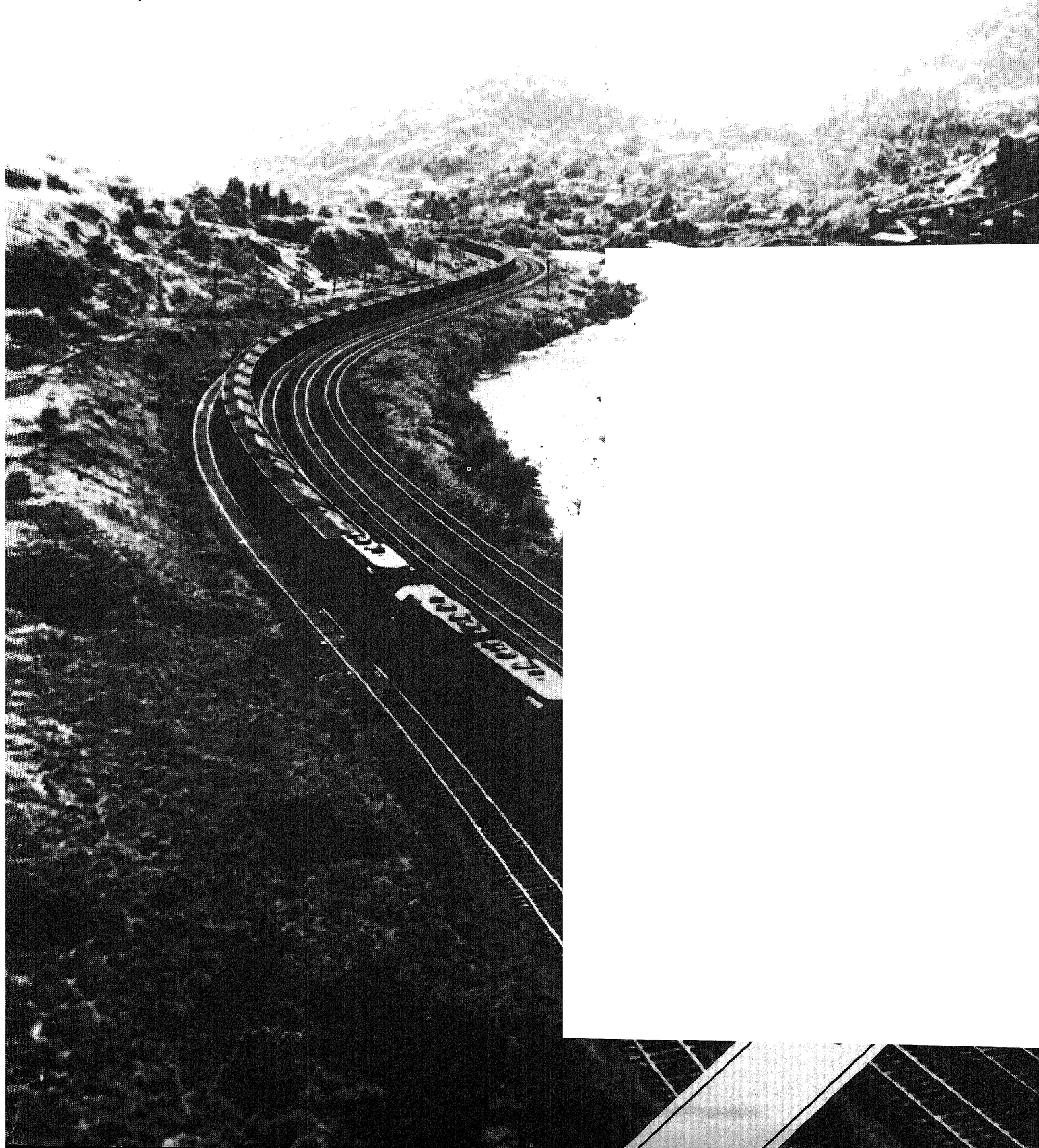


# Weekly Coal Production

Production for Week Ended:  
October 27, 1990



Energy  
Information  
Administration



## Preface

The *Weekly Coal Production* (WCP) provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. This week's Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. The Domestic Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also contains summary-level, monthly data for all coal-consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly, based on production data collected using Form EIA-6, "Coal Distribution Report." Based on 1988 data, the coal estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent.

Final coal production data are published annually, based on the EIA-7A coal production survey. Based on 1988 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from 0.02 percent to 0.08 percent.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution*, the *Quarterly Coal Report*, *Coal Production 1988*, and *Coal Data: A Reference*.

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## Summary

U.S. coal production in the week ended October 27, 1990, as estimated by the Energy Information Administration, totaled 22 million short tons. This was slightly higher than production in the previous week, and in the comparable week in 1989. Production east of the Mississippi River totaled 13 million short tons, and production west of the Mississippi River totaled 8 million short tons.

U.S. coal exports in August 1990 rose to 10 million short tons, the highest monthly level in nearly 2 years. This raised the total coal exported in the first 8 months of 1990 to 69 million short tons, which was 5 million short tons more than in the corresponding period of 1989. The three principal destinations, together receiving more than a third of the total, were Canada, Japan, and Italy. Compared with the January-August period in 1989, shipments to Canada and Japan were down by 7 and 12 percent, respectively, whereas those to Italy were relatively unchanged. The largest tonnage increases were to Belgium and Luxembourg, France, and the Netherlands.

Metallurgical coal exports, the mainstay of U.S. coal exports, totaled 43 million short tons in the first 8 months of 1990, the same amount as a year earlier. Japan was the largest importer, receiving 7 million short tons. This was 12 percent less than in the same period in 1989, and was attributable mostly to competition from Australian and Canadian coal. Italy was the second-largest importer, receiving nearly 5 million short tons, slightly more than in the first 8

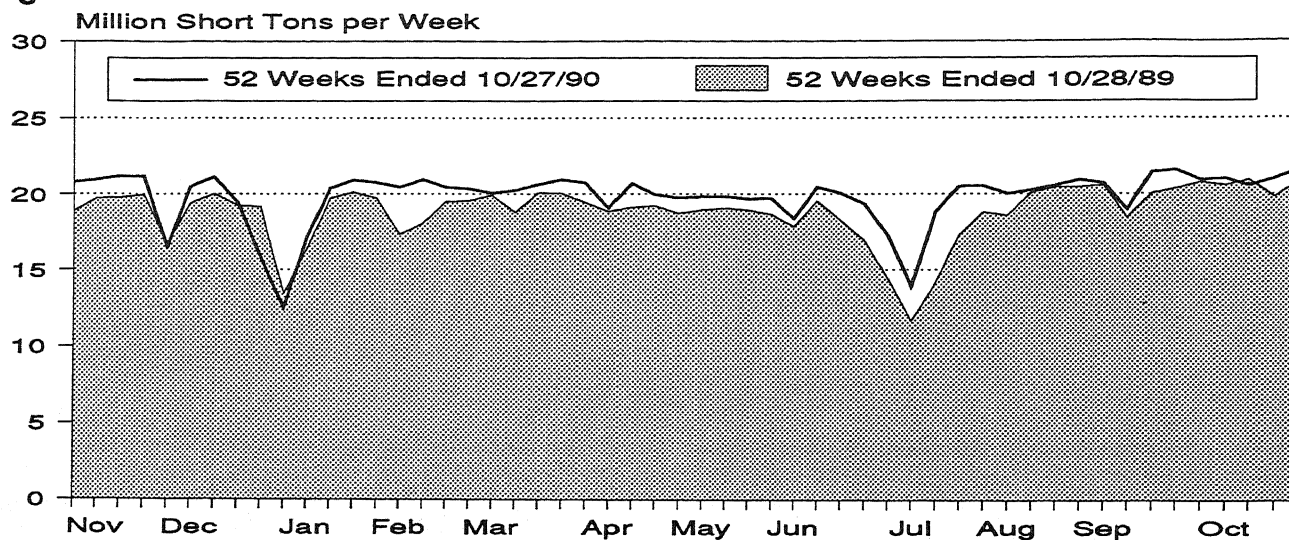
months of 1989. Other large importers of U.S. metallurgical coal were Belgium and Luxembourg, Brazil, and France. Shipments to Canada were about one-fourth lower, reflecting a decline in the country's steel production.

Steam coal exports from January through August 1990 amounted to 27 million short tons. This was 5 million short tons more than in the comparable period in 1989, and accounted for virtually all of the rise in total U.S. coal exports in the first 8 months of 1990. Canada was by far the principal destination, receiving over 6 million short tons, slightly higher than in the same period of 1989. Other major destinations were Italy, Taiwan, and the Netherlands.

The value of U.S. coal exports from January through August 1990 was \$3 billion, based on an average price of \$42.73 per short ton. The port of Norfolk handled 36 million short tons of coal exports, about half of the total.

U.S. coal imports in August 1990 amounted to 120,000 short tons, the lowest monthly level since January 1989. In the first 8 months of 1990, coal imports totaled nearly 2 million short tons, 6 percent less than in the same period a year earlier. More than half of the coal was imported from Colombia, and over one-third was from Canada. Total coal imports were valued at \$59 million, based on an average price of \$33.94 per short ton.

**Figure 1. Coal Production**



**Table 1. Coal Production**

	Week Ended			52 Weeks Ended		
Production and Carloadings	10/27/90	10/20/90	10/28/89	10/27/90	10/28/89	Percent Change
Production (Thousand Short Tons)						
Bituminous <sup>1</sup> and Lignite . . . . .	21,497	20,956	20,743	1,028,077	975,506	5.4
Pennsylvania Anthracite . . . . .	85	71	69	3,288	3,406	-3.5
U.S. Total . . . . .	21,582	21,027	20,812	1,031,365	978,912	5.4
Railroad Cars Loaded . . . . .	137,635	134,131	133,570	6,652,965	6,383,304	

<sup>1</sup>Includes subbituminous coal.

Notes: 1990 data are preliminary. Totals may not equal sum of components due to independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

**Table 2. Coal Production by State**  
(Thousand Short Tons)

Region and State	Week Ended		
	10/27/90	10/20/90	10/28/89
<b>Bituminous Coal<sup>1</sup> and Lignite</b>			
<b>East of the Mississippi</b> . . . . .	<b>13,247</b>	<b>12,741</b>	<b>12,876</b>
Alabama . . . . .	593	573	644
Illinois . . . . .	1,156	1,049	1,174
Indiana . . . . .	978	911	740
Kentucky . . . . .	3,403	3,420	3,614
Kentucky, Eastern . . . . .	2,553	2,493	2,694
Kentucky, Western . . . . .	850	927	919
Maryland . . . . .	63	62	69
Ohio . . . . .	745	694	738
Pennsylvania Bituminous . . . . .	1,690	1,561	1,434
Tennessee . . . . .	140	133	155
Virginia . . . . .	982	935	872
West Virginia . . . . .	3,497	3,404	3,436
<b>West of the Mississippi</b> . . . . .	<b>8,250</b>	<b>8,214</b>	<b>7,866</b>
Alaska . . . . .	31	31	43
Arizona . . . . .	264	258	245
Arkansas . . . . .	2	2	2
California . . . . .	-	-	15
Colorado . . . . .	440	441	355
Iowa . . . . .	8	8	7
Kansas . . . . .	25	25	25
Louisiana . . . . .	76	53	76
Missouri . . . . .	62	61	76
Montana . . . . .	718	723	794
New Mexico . . . . .	532	513	502
North Dakota . . . . .	592	595	592
Oklahoma . . . . .	40	38	33
Texas . . . . .	1,205	1,175	1,091
Utah . . . . .	503	494	410
Washington . . . . .	108	106	107
Wyoming . . . . .	3,642	3,693	3,493
<b>Bituminous<sup>1</sup> and Lignite Total</b> . . . .	<b>21,497</b>	<b>20,956</b>	<b>20,743</b>
<b>Pennsylvania Anthracite</b> . . . . .	<b>85</b>	<b>71</b>	<b>69</b>
<b>U.S. Total</b> . . . . .	<b>21,582</b>	<b>21,027</b>	<b>20,812</b>

<sup>1</sup>Includes subbituminous coal.

Notes: 1990 data are preliminary. Totals may not equal sum of components due to independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

**Table 3. Coal Exports and Imports, 1981-1990**  
(Thousand Short Tons and Dollars per Short Ton)

Year and Month	Exports						Imports	
	Metallurgical		Steam <sup>1</sup>		Total		Quantity	Average Price
	Quantity	Average Price <sup>2</sup>	Quantity	Average Price <sup>2</sup>	Quantity	Average Price <sup>2</sup>		
1981 .....	65,234	\$57.40	47,307	\$45.92	112,541	\$52.57	1,043	\$28.47
1982 .....	64,585	61.07	41,692	49.11	106,277	56.37	742	30.40
1983 .....	49,964	55.49	27,807	46.18	77,772	52.16	1,271	33.59
1984 .....	56,975	52.41	24,508	46.77	81,483	50.72	1,286	35.37
1985 .....	60,313	50.46	32,367	43.92	92,680	48.18	1,952	36.04
1986 .....	54,977	47.81	30,541	42.60	85,518	45.95	2,212	36.02
1987 .....	51,679	44.49	27,928	39.60	79,607	42.77	1,747	32.04
1988								
January .....	3,449	43.00	984	37.58	4,434	41.80	159	28.57
February .....	3,458	42.81	1,024	41.16	4,482	42.43	162	27.41
March .....	5,119	42.95	2,026	39.44	7,145	41.96	221	30.34
April .....	5,901	43.67	3,042	40.04	8,943	42.44	107	27.24
May .....	4,953	44.98	2,952	39.35	7,905	42.88	224	43.49
June .....	4,980	44.82	3,073	38.92	8,053	42.57	257	27.96
July .....	5,445	44.73	2,858	37.22	8,303	42.15	203	25.34
August .....	5,389	44.94	3,933	37.42	9,322	41.77	205	27.13
September .....	6,518	44.34	3,547	36.74	10,066	41.66	29	34.35
October .....	5,621	44.06	3,389	39.08	9,010	42.19	229	25.55
November .....	5,563	44.70	2,775	38.47	8,338	42.63	207	31.80
December .....	5,555	44.17	3,469	39.39	9,023	42.33	131	32.63
Total .....	61,950	44.17	33,073	38.59	95,023	42.23	2,134	29.96
1989								
January .....	4,488	43.92	1,818	36.29	6,306	41.72	66	36.14
February .....	5,298	44.32	1,450	37.14	6,748	42.78	131	31.89
March .....	6,163	44.17	2,212	36.98	8,375	42.27	334	33.86
April .....	6,061	44.08	3,042	38.46	9,104	42.20	158	31.46
May .....	6,303	45.40	3,381	37.40	9,685	42.61	312	32.19
June .....	5,598	45.82	4,059	38.14	9,657	42.59	218	39.04
July .....	3,881	45.77	2,328	37.95	6,209	42.84	375	36.65
August .....	4,925	46.09	3,197	37.30	8,122	42.63	247	33.85
September .....	5,754	45.94	3,907	37.31	9,661	42.45	303	33.64
October .....	5,922	45.50	3,371	37.97	9,293	42.77	160	33.20
November .....	6,026	45.81	3,743	38.05	9,768	42.84	245	31.54
December .....	4,710	45.65	3,179	37.66	7,888	42.43	303	35.09
Total .....	65,128	45.19	35,687	37.64	100,815	42.52	2,851	34.14
1990								
January .....	4,901	45.72	2,547	37.29	7,447	42.84	175	33.01
February .....	4,381	45.92	1,862	36.36	6,243	43.07	268	35.91
March .....	6,254	45.78	2,439	38.36	8,693	43.70	292	35.54
April .....	4,754	45.95	3,836	38.60	8,590	42.67	182	31.45
May .....	5,643	46.81	4,184	36.50	9,827	42.42	144	34.08
June .....	5,699	46.35	3,616	36.35	9,316	42.47	348	34.65
July .....	5,495	46.82	3,698	35.69	9,194	42.34	200	29.58
August .....	5,598	46.59	4,467	37.57	10,065	42.59	120	35.72
1990 Year to Date ...	42,726	46.26	26,649	37.08	69,374	42.73	1,729	33.94
1989 Year to Date ...	42,716	44.91	21,488	37.58	64,204	42.46	1,841	34.49

<sup>1</sup>Includes bituminous, subbituminous, lignite, and anthracite.

<sup>2</sup>Average price of all coal exports in this category.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."



**Table 4. Coal Exports, August 1990**  
(Short Tons)

Continent and Country of Destination	August 1990	July 1990	August 1989	Year to Date		Percent Change
				1990	1989	
<b>North America Total</b> .....	<b>2,045,996</b>	<b>1,727,662</b>	<b>1,790,255</b>	<b>9,692,681</b>	<b>10,366,783</b>	<b>-6.5</b>
Canada <sup>1</sup> .....	1,984,517	1,678,159	1,784,420	9,487,414	10,247,612	-7.4
Jamaica .....	-	17,877	-	34,127	19,854	71.9
Mexico .....	61,255	30,580	4,503	127,173	51,989	144.6
Other <sup>2</sup> .....	224	1,046	1,332	43,967	47,328	-7.1
<b>South America Total</b> .....	<b>438,758</b>	<b>530,502</b>	<b>718,825</b>	<b>4,362,129</b>	<b>4,943,630</b>	<b>-11.8</b>
Argentina .....	-	35,365	11,053	326,477	480,869	-32.1
Brazil .....	404,550	483,660	589,959	3,722,880	3,897,503	-4.5
Chile .....	34,208	-	116,311	282,272	555,449	-49.2
Other <sup>2</sup> .....	-	11,477	1,502	30,500	9,809	210.9
<b>Europe Total</b> .....	<b>5,446,609</b>	<b>4,896,810</b>	<b>3,587,503</b>	<b>39,263,896</b>	<b>32,115,700</b>	<b>22.3</b>
Albania .....	-	21,676	-	92,900	72,906	27.4
Belgium & Luxembourg .....	903,096	776,230	247,862	5,936,583	4,496,154	32.0
Bulgaria .....	-	-	-	87,955	-	-
Denmark .....	479,067	324,918	333,726	2,068,495	1,960,771	5.5
Finland .....	46,643	-	-	95,259	51,255	85.9
France .....	649,835	457,163	494,997	5,311,562	4,117,592	29.0
Greece .....	136	-	-	579	75,373	-99.2
Ireland .....	70,388	160,052	68,015	932,320	699,116	33.4
Italy .....	1,030,786	791,333	965,553	7,868,045	7,799,162	.9
Netherlands .....	780,786	638,480	530,530	5,063,032	3,906,704	29.6
Norway .....	12,994	17,756	11,620	123,227	97,931	25.8
Portugal .....	229,170	295,687	80,892	1,208,002	763,470	58.2
Romania .....	-	70,807	128,167	1,314,975	572,843	129.6
Spain .....	398,568	339,404	330,172	2,553,187	2,214,362	15.3
Sweden .....	77,826	83,973	37,387	417,383	243,912	71.1
Turkey .....	77,214	419,629	56,408	1,543,033	896,844	72.1
United Kingdom .....	649,912	238,299	276,101	3,287,846	2,830,933	16.1
West Germany .....	22,594	105,757	-	713,422	401,444	77.7
Yugoslavia .....	17,594	149,494	16,208	612,587	866,235	-29.3
Other <sup>2</sup> .....	-	6,152	9,865	33,504	48,693	-31.2
<b>Asia Total</b> .....	<b>1,919,133</b>	<b>1,813,982</b>	<b>1,907,634</b>	<b>14,661,522</b>	<b>15,229,199</b>	<b>-3.7</b>
China (Taiwan) .....	119,867	400,147	488,860	3,133,304	2,582,690	21.3
Israel .....	74,052	88,222	-	504,813	416,082	21.3
Japan .....	1,380,721	965,820	1,095,073	8,412,767	9,557,246	-12.0
Korea, Republic of .....	224,474	359,793	322,158	2,489,300	2,605,925	-4.5
Pakistan .....	-	-	-	-	60,451	-
Other <sup>2</sup> .....	120,019	-	1,543	121,338	6,805	NM
<b>Oceania &amp; Australia Total</b> .....	<b>958</b>	<b>-</b>	<b>-</b>	<b>1,700</b>	<b>-</b>	<b>-</b>
<b>Africa Total</b> .....	<b>213,402</b>	<b>224,836</b>	<b>117,383</b>	<b>1,392,559</b>	<b>1,549,158</b>	<b>-10.1</b>
Algeria .....	46,290	44,011	-	246,910	560,791	-56.0
Egypt .....	100,343	48,194	49,503	494,624	431,517	14.6
Other <sup>2</sup> .....	66,769	132,631	67,880	651,025	556,850	16.9
<b>Total</b> .....	<b>10,064,856</b>	<b>9,193,792</b>	<b>8,121,600</b>	<b>69,374,487</b>	<b>64,204,470</b>	<b>8.1</b>

<sup>NM</sup>Percent change calculation not meaningful as value is greater than 500.

<sup>1</sup>Based on the U.S.-Canada Free Trade Agreement, as of January 1990 the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity for both coal and coke, coal type (metallurgical and steam), and value of both coal and coke are no longer strictly comparable to the historical U.S. series due to the additional time lag in reporting.

<sup>2</sup>Includes countries with exports less than or equal to 50,000 short tons in 1989.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 5. Average Price of Coal Exports, August 1990**  
(Dollars per Short Ton)

Continent and Country of Destination	August 1990	July 1990	August 1989	Year to Date		Percent Change
				1990	1989	
<b>North America Total</b> .....	<b>\$32.88</b>	<b>\$33.73</b>	<b>\$41.33</b>	<b>\$33.25</b>	<b>\$42.08</b>	<b>-21.0</b>
Canada <sup>1</sup> .....	32.85	33.64	41.34	33.19	42.13	-21.2
Jamaica .....	-	30.57	-	30.57	30.57	*
Mexico .....	33.81	40.23	38.59	37.21	42.14	-11.7
Other <sup>2</sup> .....	34.88	38.66	36.24	36.48	35.79	1.9
<b>South America Total</b> .....	<b>45.96</b>	<b>47.36</b>	<b>43.71</b>	<b>45.69</b>	<b>44.04</b>	<b>3.7</b>
Argentina .....	-	46.86	44.74	44.29	44.61	-.7
Brazil .....	46.76	47.69	46.36	46.48	45.46	2.3
Chile .....	36.61	-	30.17	36.95	30.72	20.3
Other <sup>2</sup> .....	-	34.98	-	35.87	39.76	-9.8
<b>Europe Total</b> .....	<b>43.33</b>	<b>43.23</b>	<b>42.19</b>	<b>43.81</b>	<b>42.32</b>	<b>3.5</b>
Albania .....	-	-	-	48.38	43.31	11.7
Belgium & Luxembourg .....	47.04	42.96	48.94	44.73	43.49	2.9
Bulgaria .....	-	-	-	49.24	-	-
Denmark .....	33.56	34.56	32.25	34.29	33.14	3.5
Finland .....	43.68	-	-	44.72	42.41	5.5
France .....	42.06	43.45	42.36	42.41	41.37	2.5
Greece .....	39.99	-	-	39.99	36.30	10.2
Ireland .....	36.29	39.17	33.61	38.19	37.90	.8
Italy .....	41.30	45.80	44.30	44.71	43.54	2.7
Netherlands .....	43.32	42.60	39.91	42.96	40.57	5.9
Norway .....	-	-	-	-	39.97	-
Portugal .....	41.51	39.62	39.11	41.14	39.81	3.3
Romania .....	-	-	45.69	48.07	44.84	7.2
Spain .....	47.90	40.06	-	46.60	45.78	1.8
Sweden .....	-	49.75	46.63	48.82	43.27	12.8
Turkey .....	43.09	46.99	42.60	45.88	43.08	6.5
United Kingdom .....	47.42	49.21	43.14	47.60	45.29	5.1
West Germany .....	33.79	32.77	-	40.23	42.41	-5.1
Yugoslavia .....	-	46.98	-	45.65	43.53	4.9
Other <sup>2</sup> .....	-	-	39.97	39.97	42.88	-6.8
<b>Asia Total</b> .....	<b>43.96</b>	<b>43.88</b>	<b>42.89</b>	<b>43.15</b>	<b>42.10</b>	<b>2.5</b>
China (Taiwan) .....	39.36	40.05	37.77	38.44	36.56	5.1
Israel .....	37.51	36.51	-	38.59	39.04	-1.1
Japan .....	44.81	45.11	44.24	44.37	43.00	3.2
Korea, Republic of .....	46.04	46.63	46.15	46.16	44.76	3.1
Other <sup>2</sup> .....	38.91	-	34.99	38.92	37.10	4.9
<b>Oceania &amp; Australia Total</b> .....	<b>34.98</b>	<b>-</b>	<b>-</b>	<b>35.79</b>	<b>-</b>	<b>-</b>
<b>Africa Total</b> .....	<b>29.94</b>	<b>39.26</b>	<b>36.21</b>	<b>38.03</b>	<b>40.47</b>	<b>-6.0</b>
Algeria .....	-	47.80	-	46.36	45.64	1.6
Egypt .....	-	46.45	44.81	45.73	45.60	.3
Other <sup>2</sup> .....	29.94	29.94	29.94	30.94	31.31	-1.2
<b>Total</b> .....	<b>41.37</b>	<b>41.68</b>	<b>42.21</b>	<b>42.22</b>	<b>42.32</b>	<b>-.2</b>
<b>U.S. Total<sup>3</sup></b> .....	<b>42.59</b>	<b>42.34</b>	<b>42.63</b>	<b>42.73</b>	<b>42.46</b>	<b>.6</b>

\*Rounded to zero.

<sup>1</sup>Based on the U.S.-Canada Free Trade Agreement, as of January 1990 the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity for both coal and coke, coal type (metallurgical and steam), and value of both coal and coke are no longer strictly comparable to the historical U.S. series due to the additional time lag in reporting.

<sup>2</sup>Includes countries with exports less than or equal to 50,000 short tons in 1989.

<sup>3</sup>Average price of all coal exports in this category.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$50 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 6. Steam Coal Exports, August 1990**  
(Short Tons)

Continent and Country of Destination	August 1990	July 1990	August 1989	Year to Date		Percent Change
				1990	1989	
<b>North America Total</b> .....	<b>1,231,651</b>	<b>1,021,348</b>	<b>988,618</b>	<b>6,627,068</b>	<b>6,279,411</b>	<b>5.5</b>
Canada <sup>1</sup> .....	1,170,172	971,845	982,783	6,422,016	6,179,116	3.9
Jamaica .....	-	17,877	-	34,127	19,854	71.9
Mexico .....	61,255	30,580	4,503	127,173	51,989	144.6
Other <sup>2</sup> .....	224	1,046	1,332	43,752	28,452	53.8
<b>South America Total</b> .....	<b>41,792</b>	<b>11,477</b>	<b>117,813</b>	<b>352,419</b>	<b>571,322</b>	<b>-38.3</b>
Argentina .....	-	-	-	-	337	-
Brazil .....	7,584	-	-	94,281	5,727	NM
Chile .....	34,208	-	116,311	227,638	555,449	-59.0
Other <sup>2</sup> .....	-	11,477	1,502	30,500	9,809	210.9
<b>Europe Total</b> .....	<b>2,535,967</b>	<b>2,015,168</b>	<b>1,329,994</b>	<b>13,977,999</b>	<b>9,991,321</b>	<b>39.9</b>
Belgium & Luxembourg .....	210,875	413,229	-	1,751,983	561,913	211.8
Bulgaria .....	-	-	-	39,065	-	-
Denmark .....	479,067	324,918	205,390	2,012,923	1,832,435	9.8
Finland .....	-	-	-	-	93	-
France .....	297,092	71,583	203,492	1,762,043	1,114,609	58.1
Greece .....	136	-	-	579	75,373	-99.2
Ireland .....	70,388	160,052	68,015	932,320	529,892	75.9
Italy .....	540,993	321,229	359,544	2,996,511	3,039,825	-1.4
Netherlands .....	452,754	296,090	320,129	2,468,247	1,760,438	40.2
Norway .....	-	17,756	6,446	54,841	32,275	69.9
Portugal .....	190,646	295,687	80,892	950,356	559,239	69.9
Romania .....	-	-	-	-	3,293	-
Spain .....	43,751	242	-	158,724	108,006	47.0
Sweden .....	-	-	-	-	74,824	-
Turkey .....	-	8,625	-	16,643	203	NM
United Kingdom .....	222,851	-	60,013	578,373	154,526	274.3
West Germany .....	22,594	105,757	-	231,696	76,066	204.6
Yugoslavia .....	4,820	-	16,208	12,995	32,670	-60.2
Other <sup>2</sup> .....	-	-	9,865	10,700	35,641	-70.0
<b>Asia Total</b> .....	<b>589,945</b>	<b>573,023</b>	<b>692,634</b>	<b>5,093,247</b>	<b>4,089,067</b>	<b>24.6</b>
China (Taiwan) .....	119,867	285,581	364,123	2,811,934	2,135,738	31.7
Israel .....	74,052	88,222	-	504,813	267,265	88.9
Japan .....	200,133	113,317	326,968	1,174,979	1,299,016	-9.5
Korea, Republic of .....	75,874	85,903	-	480,183	380,243	26.3
Other <sup>2</sup> .....	120,019	-	1,543	121,338	6,805	NM
<b>Oceania &amp; Australia Total</b> .....	<b>958</b>	<b>-</b>	<b>-</b>	<b>1,700</b>	<b>-</b>	<b>-</b>
<b>Africa Total</b> .....	<b>66,769</b>	<b>77,475</b>	<b>67,880</b>	<b>596,299</b>	<b>556,850</b>	<b>7.1</b>
Egypt .....	-	-	-	430	-	-
Other <sup>2</sup> .....	66,769	77,475	67,880	595,869	556,850	7.0
<b>Total</b> .....	<b>4,467,082</b>	<b>3,698,491</b>	<b>3,196,939</b>	<b>26,648,732</b>	<b>21,487,971</b>	<b>24.0</b>

<sup>NM</sup>Percent change calculation not meaningful as value is greater than 500.

<sup>1</sup>Based on the U.S.-Canada Free Trade Agreement, as of January 1990 the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity for both coal and coke, coal type (metallurgical and steam), and value of both coal and coke are no longer strictly comparable to the historical U.S. series due to the additional time lag in reporting.

<sup>2</sup>Includes countries with exports less than or equal to 50,000 short tons in 1989.

Note: Total may not equal sum of components because of independent rounding. Steam coal includes bituminous, subbituminous, lignite, and anthracite.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 7. Average Price of Steam Coal Exports, August 1990**  
(Dollars per Short Ton)

Continent and Country of Destination	August 1990	July 1990	August 1989	Year to Date		Percent Change
				1990	1989	
<b>North America Total</b> .....	<b>\$29.82</b>	<b>\$29.53</b>	<b>\$37.95</b>	<b>\$31.10</b>	<b>\$39.52</b>	<b>-21.3</b>
Canada <sup>1</sup> .....	29.57	29.15	37.95	30.94	39.55	-21.8
Jamaica .....	-	30.57	-	30.57	30.57	*
Mexico .....	33.81	40.23	38.59	37.21	42.14	-11.7
Other <sup>2</sup> .....	34.88	38.66	36.24	36.41	35.39	2.9
<b>South America Total</b> .....	<b>36.61</b>	<b>34.98</b>	<b>30.17</b>	<b>37.29</b>	<b>30.77</b>	<b>21.2</b>
Argentina .....	-	-	-	-	34.99	-
Brazil .....	-	-	-	42.44	-	-
Chile .....	36.61	-	30.17	35.58	30.72	15.8
Other <sup>2</sup> .....	-	34.98	-	35.87	39.76	-9.8
<b>Europe Total</b> .....	<b>38.54</b>	<b>37.68</b>	<b>36.39</b>	<b>38.34</b>	<b>36.73</b>	<b>4.4</b>
Belgium & Luxembourg .....	38.97	38.11	-	37.42	33.11	13.0
Bulgaria .....	-	-	-	48.99	-	-
Denmark .....	33.56	34.56	29.67	34.29	33.00	3.9
Finland .....	-	-	-	-	39.68	-
France .....	35.88	38.92	36.17	37.44	34.53	8.4
Greece .....	39.99	-	-	39.99	36.30	10.2
Ireland .....	36.29	39.17	33.61	38.19	38.46	-7
Italy .....	41.30	40.74	39.64	40.54	39.96	1.4
Netherlands .....	40.00	35.86	36.72	38.75	36.29	6.8
Norway .....	-	-	-	-	39.97	-
Portugal .....	40.08	39.62	39.11	39.88	38.97	2.3
Romania .....	-	-	-	-	38.78	-
Spain .....	34.47	40.06	-	34.32	34.34	*
Sweden .....	-	-	-	-	35.38	-
Turkey .....	-	39.60	-	39.30	39.90	-1.5
United Kingdom .....	43.35	-	29.94	43.95	36.29	21.1
West Germany .....	33.79	32.77	-	35.38	31.09	13.8
Yugoslavia .....	-	-	-	-	35.00	-
Other <sup>2</sup> .....	-	-	39.97	39.97	42.88	-6.8
<b>Asia Total</b> .....	<b>38.94</b>	<b>36.96</b>	<b>39.06</b>	<b>38.02</b>	<b>36.57</b>	<b>4.0</b>
China (Taiwan) .....	39.36	37.02	34.70	37.44	34.73	7.8
Israel .....	37.51	36.51	-	38.59	38.55	.1
Japan .....	38.87	34.93	44.16	38.46	38.79	-9
Korea, Republic of .....	39.92	39.92	-	39.53	37.97	4.1
Other <sup>2</sup> .....	38.91	-	34.99	38.92	37.10	4.9
<b>Oceania &amp; Australia Total</b> .....	<b>34.98</b>	<b>-</b>	<b>-</b>	<b>35.79</b>	<b>-</b>	<b>-</b>
<b>Africa Total</b> .....	<b>29.94</b>	<b>29.94</b>	<b>29.94</b>	<b>30.95</b>	<b>31.31</b>	<b>-1.2</b>
Egypt .....	-	-	-	35.91	-	-
Other <sup>2</sup> .....	29.94	29.94	29.94	30.94	31.31	-1.2
<b>Total</b> .....	<b>36.33</b>	<b>35.19</b>	<b>37.10</b>	<b>36.38</b>	<b>37.23</b>	<b>-2.3</b>
<b>U.S. Total<sup>3</sup></b> .....	<b>37.57</b>	<b>35.69</b>	<b>37.30</b>	<b>37.08</b>	<b>37.58</b>	<b>-1.3</b>

\*Rounded to zero.

<sup>1</sup>Based on the U.S.-Canada Free Trade Agreement, as of January 1990 the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity for both coal and coke, coal type (metallurgical and steam), and value of both coal and coke are no longer strictly comparable to the historical U.S. series due to the additional time lag in reporting.

<sup>2</sup>Includes countries with exports less than or equal to 50,000 short tons in 1989.

<sup>3</sup>Average price of all steam coal exports.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$50 inclusively. Steam coal includes bituminous, subbituminous, lignite, and anthracite.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 8. Metallurgical Coal Exports, August 1990**  
(Short Tons)

Continent and Country of Destination	August 1990	July 1990	August 1989	Year to Date		Percent Change
				1990	1989	
<b>North America Total</b> .....	<b>814,345</b>	<b>706,314</b>	<b>801,637</b>	<b>3,065,613</b>	<b>4,087,372</b>	<b>-25.0</b>
Canada <sup>1</sup> .....	814,345	706,314	801,637	3,065,398	4,068,496	-24.7
Other <sup>2</sup> .....	-	-	-	215	18,876	-98.9
<b>South America Total</b> .....	<b>396,966</b>	<b>519,025</b>	<b>601,012</b>	<b>4,009,710</b>	<b>4,372,308</b>	<b>-8.3</b>
Argentina .....	-	35,365	11,053	326,477	480,532	-32.1
Brazil .....	396,966	483,660	589,959	3,628,599	3,891,776	-6.8
Chile .....	-	-	-	54,634	-	-
<b>Europe Total</b> .....	<b>2,910,642</b>	<b>2,881,642</b>	<b>2,257,509</b>	<b>25,285,897</b>	<b>22,124,379</b>	<b>14.3</b>
Albania .....	-	21,676	-	92,900	72,906	27.4
Belgium & Luxembourg .....	692,221	363,001	247,862	4,184,600	3,934,241	6.4
Bulgaria .....	-	-	-	48,890	-	-
Denmark .....	-	-	128,336	55,572	128,336	-56.7
Finland .....	46,643	-	-	95,259	51,162	86.2
France .....	352,743	385,580	291,505	3,549,519	3,002,983	18.2
Ireland .....	-	-	-	-	169,224	-
Italy .....	489,793	470,104	606,009	4,871,534	4,759,337	2.4
Netherlands .....	328,032	342,390	210,401	2,594,785	2,146,266	20.9
Norway .....	12,994	-	5,174	68,386	65,656	4.2
Portugal .....	38,524	-	-	257,646	204,231	26.2
Romania .....	-	70,807	128,167	1,314,975	569,550	130.9
Spain .....	354,817	339,162	330,172	2,394,463	2,106,356	13.7
Sweden .....	77,826	83,973	37,387	417,383	169,088	146.8
Turkey .....	77,214	411,004	56,408	1,526,390	896,641	70.2
United Kingdom .....	427,061	238,299	216,088	2,709,473	2,676,407	1.2
West Germany .....	-	-	-	481,726	325,378	48.1
Yugoslavia .....	12,774	149,494	-	599,592	833,565	-28.1
Other <sup>2</sup> .....	-	6,152	-	22,804	13,052	74.7
<b>Asia Total</b> .....	<b>1,329,188</b>	<b>1,240,959</b>	<b>1,215,000</b>	<b>9,568,275</b>	<b>11,140,132</b>	<b>-14.1</b>
China (Taiwan) .....	-	114,566	124,737	321,370	446,952	-28.1
Israel .....	-	-	-	-	148,817	-
Japan .....	1,180,588	852,503	768,105	7,237,788	8,258,230	-12.4
Korea, Republic of .....	148,600	273,890	322,158	2,009,117	2,225,682	-9.7
Pakistan .....	-	-	-	-	60,451	-
<b>Africa Total</b> .....	<b>146,633</b>	<b>147,361</b>	<b>49,503</b>	<b>796,260</b>	<b>992,308</b>	<b>-19.8</b>
Algeria .....	46,290	44,011	-	246,910	560,791	-56.0
Egypt .....	100,343	48,194	49,503	494,194	431,517	14.5
Other <sup>2</sup> .....	-	55,156	-	55,156	-	-
<b>Total</b> .....	<b>5,597,774</b>	<b>5,495,301</b>	<b>4,924,661</b>	<b>42,725,755</b>	<b>42,716,499</b>	<b>*</b>

\*Rounded to zero.

<sup>1</sup>Based on the U.S.-Canada Free Trade Agreement, as of January 1990 the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity for both coal and coke, coal type (metallurgical and steam), and value of both coal and coke are no longer strictly comparable to the historical U.S. series due to the additional time lag in reporting.

<sup>2</sup>Includes countries with exports less than or equal to 50,000 short tons in 1989.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 9. Average Price of Metallurgical Coal Exports, August 1990**  
(Dollars per Short Ton)

Continent and Country of Destination	August 1990	July 1990	August 1989	Year to Date		Percent Change
				1990	1989	
<b>North America Total</b> .....	<b>\$36.76</b>	<b>\$39.61</b>	<b>\$45.49</b>	<b>\$37.56</b>	<b>\$45.87</b>	<b>-18.1</b>
Canada <sup>1</sup> .....	36.76	39.61	45.49	37.56	45.91	-18.2
Other <sup>2</sup> .....	-	-	-	49.93	36.38	37.3
<b>South America Total</b> .....	<b>46.76</b>	<b>47.63</b>	<b>46.33</b>	<b>46.40</b>	<b>45.36</b>	<b>2.3</b>
Argentina .....	-	46.86	44.74	44.29	44.61	-.7
Brazil .....	46.76	47.69	46.36	46.57	45.46	2.5
Chile .....	-	-	-	48.84	-	-
<b>Europe Total</b> .....	<b>48.62</b>	<b>47.76</b>	<b>45.93</b>	<b>47.06</b>	<b>44.81</b>	<b>5.0</b>
Albania .....	-	-	-	48.38	43.31	11.7
Belgium & Luxembourg .....	49.59	48.48	48.94	47.84	44.78	6.8
Bulgaria .....	-	-	-	49.44	-	-
Denmark .....	-	-	34.97	-	34.97	-
Finland .....	43.68	-	-	44.72	42.41	5.4
France .....	47.27	44.29	46.68	44.88	43.91	2.2
Ireland .....	-	-	-	-	36.20	-
Italy .....	-	49.26	47.06	47.57	45.82	3.8
Netherlands .....	47.90	48.44	44.77	46.95	44.08	6.5
Portugal .....	48.63	-	-	45.79	42.14	8.7
Romania .....	-	-	45.69	48.07	44.88	7.1
Spain .....	49.56	-	-	47.88	46.24	3.5
Sweden .....	-	49.75	46.63	48.82	46.76	4.4
Turkey .....	43.09	47.15	42.60	45.92	43.08	6.6
United Kingdom .....	49.55	49.21	46.81	48.37	45.81	5.6
West Germany .....	-	-	-	43.59	45.06	-3.3
Yugoslavia .....	-	46.98	-	45.65	43.53	4.9
<b>Asia Total</b> .....	<b>46.19</b>	<b>47.07</b>	<b>45.02</b>	<b>45.91</b>	<b>44.13</b>	<b>4.0</b>
China (Taiwan) .....	-	47.60	46.75	47.19	45.28	4.2
Israel .....	-	-	-	-	39.92	-
Japan .....	45.82	46.47	44.27	45.34	43.66	3.8
Korea, Republic of .....	49.17	48.73	46.15	47.77	45.93	4.0
<b>Africa Total</b> .....	<b>-</b>	<b>47.09</b>	<b>44.81</b>	<b>45.90</b>	<b>45.62</b>	<b>.6</b>
Algeria .....	-	47.80	-	46.36	45.64	1.6
Egypt .....	-	46.45	44.81	45.74	45.60	.3
<b>Total</b> .....	<b>45.80</b>	<b>46.41</b>	<b>45.65</b>	<b>45.99</b>	<b>44.81</b>	<b>2.6</b>
<b>U.S. Total<sup>3</sup></b> .....	<b>46.59</b>	<b>46.82</b>	<b>46.09</b>	<b>46.26</b>	<b>44.91</b>	<b>3.0</b>

<sup>1</sup>Based on the U.S.-Canada Free Trade Agreement, as of January 1990 the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity for both coal and coke, coal type (metallurgical and steam), and value of both coal and coke are no longer strictly comparable to the historical U.S. series due to the additional time lag in reporting.

<sup>2</sup>Includes countries with exports less than or equal to 50,000 short tons in 1989.

<sup>3</sup>Average price of all metallurgical coal exports.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$50 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 10. Coal Exports by Customs District, August 1990  
(Short Tons)**

Customs District	August 1990	July 1990	August 1989	Year to Date		Percent Change
				1990	1989	
<b>Eastern Total</b>	<b>5,711,599</b>	<b>5,387,946</b>	<b>4,540,442</b>	<b>43,144,591</b>	<b>39,307,556</b>	<b>9.8</b>
Baltimore, MD	230,445	658,737	544,316	5,445,073	5,880,741	-7.4
Portland, ME	-	289	-	782	159	391.8
Buffalo, NY	1,740	18,261	1,208	47,111	30,699	53.5
New York City, NY	562	1,161	-	5,301	1,471	260.4
Ogdensburg, NY	1,966	223	1,116	11,252	7,341	53.3
Philadelphia, PA	426,714	324,769	200,921	2,090,080	1,421,777	47.0
Norfolk, VA	5,050,172	4,384,506	3,792,881	35,544,992	31,965,368	11.2
<b>Southern Total</b>	<b>1,829,208</b>	<b>1,954,723</b>	<b>1,340,253</b>	<b>15,082,904</b>	<b>12,883,072</b>	<b>17.1</b>
Mobile, AL	417,446	549,472	535,894	5,478,034	5,602,925	-2.2
Savannah, GA	-	-	-	-	725	-
Miami, FL	224	164	340	702	1,957	-64.1
Tampa, FL	-	-	-	18,099	-	-
New Orleans, LA	1,268,693	1,348,524	753,925	8,599,112	6,786,442	26.7
Wilmington, NC	-	-	-	-	70,417	-
Charleston, SC	52,635	17,496	45,591	767,660	352,364	117.9
Houston-Galveston, TX	29,072	9,095	-	97,913	31,252	213.3
Laredo, TX	61,138	29,972	4,503	121,384	36,990	228.2
<b>Western Total</b>	<b>395,682</b>	<b>138,015</b>	<b>385,598</b>	<b>1,719,677</b>	<b>1,892,579</b>	<b>-9.1</b>
Anchorage, AK	75,874	85,903	-	480,183	367,913	30.5
Nogales, AZ	-	-	-	2,673	-	-
Los Angeles, CA	294,436	-	367,932	1,085,600	1,372,408	-20.9
San Diego, CA	117	608	-	3,116	3,538	-11.9
San Francisco, CA	-	43,422	14,595	99,336	33,333	198.0
Great Falls, MT	131	-	-	131	98	33.7
Portland, OR	-	-	-	3,989	576	NM
Seattle, WA	25,124	8,082	3,071	44,649	114,713	-61.1
<b>Northern Total</b>	<b>2,126,357</b>	<b>1,710,824</b>	<b>1,855,307</b>	<b>9,407,902</b>	<b>10,121,263</b>	<b>-7.0</b>
Chicago, IL	7,584	-	-	16,266	-	-
Detroit, MI	133,714	350,747	5,293	3,063,449	26,578	NM
Duluth, MN	262,651	-	-	292,502	61,071	379.0
Pembina, ND	-	-	-	87	14,540	-99.4
Cleveland, OH	1,722,408	1,360,077	1,850,014	5,969,506	10,019,074	-40.4
Milwaukee, WI	-	-	-	66,092	-	-
<b>Total</b>	<b>10,064,856</b>	<b>9,193,792</b>	<b>8,121,600</b>	<b>69,374,487</b>	<b>64,204,470</b>	<b>8.1</b>

<sup>NM</sup>Percent change calculation not meaningful as value is greater than 500.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 145."

**Table 11. Coke Exports, August 1990**  
(Short Tons)

Continent and Country of Destination	August 1990	July 1990	August 1989	Year to Date		Percent Change
				1990	1989	
<b>North America Total</b> .....	<b>57,973</b>	<b>14,788</b>	<b>43,977</b>	<b>268,564</b>	<b>365,856</b>	<b>-26.6</b>
Canada <sup>1</sup> .....	51,224	9,744	29,710	195,186	254,772	-23.4
Mexico .....	6,749	4,989	14,217	72,370	110,291	-34.4
Other <sup>2</sup> .....	-	55	50	1,008	793	27.1
<b>South America Total</b> .....	<b>-</b>	<b>-</b>	<b>2,493</b>	<b>46,331</b>	<b>76,013</b>	<b>-39.0</b>
Venezuela .....	-	-	2,493	34,355	53,701	-36.0
Other <sup>2</sup> .....	-	-	-	11,976	22,312	-46.3
<b>Europe Total</b> .....	<b>-</b>	<b>6</b>	<b>22,373</b>	<b>33,665</b>	<b>72,390</b>	<b>-53.5</b>
<b>Asia Total</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>95,968</b>	<b>-</b>
Japan .....	-	-	-	-	71,756	-
Other <sup>2</sup> .....	-	-	-	-	24,212	-
<b>Total</b> .....	<b>57,973</b>	<b>14,794</b>	<b>68,843</b>	<b>348,560</b>	<b>610,227</b>	<b>-42.9</b>

<sup>1</sup>Based on the U.S.-Canada Free Trade Agreement, as of January 1990 the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity for both coal and coke, coal type (metallurgical and steam), and value of both coal and coke are no longer strictly comparable to the historical U.S. series due to the additional time lag in reporting.

<sup>2</sup>Includes countries with exports less than or equal to 50,000 short tons in 1989.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 12. Coal Imports, August 1990**  
(Short Tons)

Continent and Country of Origin	August 1990	July 1990	August 1989	Year to Date		Percent Change
				1990	1989	
<b>North America Total</b> .....	<b>24,854</b>	<b>100,626</b>	<b>122,390</b>	<b>629,846</b>	<b>743,923</b>	<b>-15.3</b>
Canada .....	24,854	100,626	115,337	623,642	702,929	-11.3
Mexico .....	-	-	7,053	6,204	40,994	-84.9
<b>South America Total</b> .....	<b>94,996</b>	<b>94,078</b>	<b>113,387</b>	<b>1,093,689</b>	<b>1,037,753</b>	<b>5.4</b>
Colombia .....	94,996	94,078	113,387	909,320	885,536	2.7
Venezuela .....	-	-	-	184,369	152,217	21.1
<b>Europe Total</b> .....	<b>-</b>	<b>5,261</b>	<b>11,198</b>	<b>5,261</b>	<b>11,198</b>	<b>-53.0</b>
Netherlands .....	-	-	11,198	-	11,198	-
Norway .....	-	46	-	46	-	-
United Kingdom .....	-	5,215	-	5,215	-	-
<b>Asia Total</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>47,745</b>	<b>-</b>
China (Peking) .....	-	-	-	-	47,694	-
Korea, Republic of .....	-	-	-	-	51	-
<b>Total</b> .....	<b>119,850</b>	<b>199,965</b>	<b>246,975</b>	<b>1,728,796</b>	<b>1,840,619</b>	<b>-6.1</b>

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."



**Table 13. Average Price of Coal Imports, August 1990**  
(Dollars per Short Ton)

Continent and Country of Origin	August 1990	July 1990	August 1989	Year to Date		Percent Change
				1990	1989	
<b>North America Total</b> .....	<b>\$21.46</b>	<b>\$24.29</b>	<b>\$27.83</b>	<b>\$24.64</b>	<b>\$26.63</b>	<b>-7.5</b>
Canada .....	21.46	24.29	27.46	24.46	26.43	-7.4
Mexico .....	-	-	33.61	38.36	29.66	29.4
<b>South America Total</b> .....	<b>37.53</b>	<b>33.62</b>	<b>37.29</b>	<b>37.95</b>	<b>34.46</b>	<b>10.1</b>
Colombia .....	37.53	33.62	37.29	37.35	34.74	7.5
Venezuela .....	-	-	-	40.89	32.89	24.3
<b>Europe Total</b> .....	<b>-</b>	<b>37.19</b>	<b>44.34</b>	<b>37.19</b>	<b>44.34</b>	<b>-16.1</b>
Netherlands .....	-	-	44.34	-	44.34	-
United Kingdom .....	-	37.19	-	37.19	-	-
<b>Total</b> .....	<b>34.63</b>	<b>30.21</b>	<b>33.06</b>	<b>33.87</b>	<b>31.55</b>	<b>7.4</b>
<b>U.S. Total<sup>1</sup></b> .....	<b>35.72</b>	<b>29.58</b>	<b>33.85</b>	<b>33.94</b>	<b>34.49</b>	<b>-1.6</b>

<sup>1</sup>Average price of all coal imports.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal imports and fall within the range of \$20 to \$50 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 14. Coal Imports by Customs District, August 1990**  
(Short Tons)

Customs District	August 1990	July 1990	August 1989	Year to Date		Percent Change
				1990	1989	
<b>Eastern Total</b> .....	<b>-</b>	<b>-</b>	<b>135,825</b>	<b>249,690</b>	<b>352,339</b>	<b>-29.1</b>
Boston, MA .....	-	-	-	99,723	-	-
Baltimore, MD .....	-	-	108,940	-	258,274	-
Portland, ME .....	-	-	-	115,011	-	-
Buffalo, NY .....	-	-	26,849	69	26,849	-99.7
Ogdensburg, NY .....	-	-	36	45	54	-16.7
Philadelphia, PA .....	-	-	-	34,842	67,162	-48.1
<b>Southern Total</b> .....	<b>94,996</b>	<b>99,339</b>	<b>22,698</b>	<b>889,203</b>	<b>799,273</b>	<b>11.3</b>
Tampa, FL .....	35,802	94,078	-	646,589	508,799	27.1
Wilmington, NC .....	-	46	-	46	-	-
San Juan, PR .....	34,943	-	-	176,072	233,854	-24.7
Houston-Galveston, TX .....	-	5,215	15,645	5,215	15,645	-66.7
Laredo, TX .....	-	-	7,053	6,204	40,975	-84.9
Virgin Islands .....	24,251	-	-	55,077	-	-
<b>Western Total</b> .....	<b>4,001</b>	<b>4,382</b>	<b>3,187</b>	<b>60,151</b>	<b>122,387</b>	<b>-50.9</b>
San Diego, CA .....	-	-	-	-	19	-
San Francisco, CA .....	-	-	-	-	47,745	-
Great Falls, MT .....	4,001	4,382	3,187	34,184	66,857	-48.9
Seattle, WA .....	-	-	-	25,967	7,766	234.4
<b>Northern Total</b> .....	<b>20,853</b>	<b>96,244</b>	<b>85,265</b>	<b>529,752</b>	<b>566,620</b>	<b>-6.5</b>
Chicago, IL .....	-	33,131	56,601	177,937	297,884	-40.3
Duluth, MN .....	-	-	-	-	431	-
Pembina, ND .....	20,853	63,113	28,664	351,815	251,691	39.8
Cleveland, OH .....	-	-	-	-	16,614	-
<b>Total</b> .....	<b>119,850</b>	<b>199,965</b>	<b>246,975</b>	<b>1,728,796</b>	<b>1,840,619</b>	<b>-6.1</b>

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 15. Coke Imports, August 1990**  
(Short Tons)

Continent and Country of Origin	August 1990	July 1990	August 1989	Year to Date		Percent Change
				1990	1989	
<b>North America Total</b> .....	<b>26,753</b>	<b>18,032</b>	<b>3,370</b>	<b>107,238</b>	<b>195,911</b>	<b>-45.3</b>
Canada .....	26,753	18,032	3,370	85,451	195,434	-56.3
Mexico .....	-	-	-	21,787	477	NM
<b>Europe Total</b> .....	<b>-</b>	<b>-</b>	<b>85,485</b>	<b>39,572</b>	<b>748,772</b>	<b>-94.7</b>
Belgium & Luxembourg .....	-	-	-	-	98,283	-
France .....	-	-	-	-	36,872	-
Italy .....	-	-	-	39,572	-	-
Netherlands .....	-	-	-	-	17,244	-
Poland .....	-	-	15,514	-	87,761	-
United Kingdom .....	-	-	-	-	56,201	-
West Germany .....	-	-	69,971	-	404,564	-
Yugoslavia .....	-	-	-	-	47,847	-
<b>Asia Total</b> .....	<b>-</b>	<b>83,172</b>	<b>81,452</b>	<b>206,158</b>	<b>635,469</b>	<b>-67.6</b>
China (Peking) .....	-	-	-	-	67,054	-
Japan .....	-	83,172	81,452	206,158	568,415	-63.7
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>44,029</b>	<b>-</b>	<b>134,475</b>	<b>463,851</b>	<b>-71.0</b>
Australia .....	-	44,029	-	134,475	463,851	-71.0
<b>Total</b> .....	<b>26,753</b>	<b>145,233</b>	<b>170,307</b>	<b>487,443</b>	<b>2,044,003</b>	<b>-76.2</b>

<sup>NM</sup>Percent change calculation not meaningful as value is greater than 500.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

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